

# SAFETY DATA SHEET



Date Issued: 02/19/2007  
 MSDS No: 57-001.3  
 Date-Revised: 02/08/2008  
 Revision No: 3

## OT Chairside Bleaching Gel 46% HP

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** OT Chairside Bleaching Gel 46% HP  
**PRODUCT DESCRIPTION:** In-office chairside dental bleaching gel  
**PRODUCT CODE:** XO

#### MANUFACTURER

OraTech, LLC  
 475 West 10200 South  
 South Jordan UT 84095

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300  
**(INTERNATIONAL) :+1(703) 527 - 3887**

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Hydrogen Peroxide	007722-84-1	231-765-0	O, Xn; R22-41	46

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"O" - Oxidizing  
 R8: Contact with combustible material may cause fire.  
 "Xn" - Harmful

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** R36/37/38: Irritating to eyes, respiratory system and skin.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes eye burns.  
**SKIN:** Causes skin burns.  
**INGESTION:** R25: Toxic if swallowed.  
**INHALATION:** Vapors will cause burns and irritation to mucous membranes in mouth, throat and respiratory system.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INGESTION:** If swallowed, DO NOT INDUCE VOMITING -SEEK MEDICAL ADVICE.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

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## OT Chairside Bleaching Gel 46% HP

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Water spray only.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

**LARGE SPILL:** Absorb with inert, damp non-combustible material, then flush area with water.

### 7. HANDLING AND STORAGE

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Keep refrigerated.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** S51: Use only in well-ventilated areas.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Odorless or no characteristic odor

**COLOR:** Frosty white

**PHYSICAL STATE COMMENTS:** Partially soluble in water.

### 10. STABILITY AND REACTIVITY

**STABILITY:** Decomposes when exposed to heat.

**CONDITIONS TO AVOID:** Organic materials.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** May cause serious damage.

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## OT Chairside Bleaching Gel 46% HP

**SKIN EFFECTS:** Contact with skin may cause burns.

**GENERAL COMMENTS:** Vapors will cause burns and irritation to mucous membranes in mouth, throat and respiratory system.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Biodegradability - Not established

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)

**HAZARD CLASS:** 5.1

**PACKING GROUP:** II

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)

**UN/NA NUMBER:** 3139

**PRIMARY HAZARD CLASS/DIVISION:** 5.1

**PACKING GROUP:** II

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)

**UN/NA NUMBER:** 3139

**PRIMARY HAZARD CLASS/DIVISION:** 5.1

**PACKING GROUP:** II

**LIMITED QUANTITY:** 0.5 L

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

# SAFETY DATA SHEET



Date Issued: 02/19/2007  
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Revision No: 3

## OT Chairside Bleaching Gel 46% HP

### EEC LABEL SYMBOL AND CLASSIFICATION



"O" - Oxidizing  
R8: Contact with combustible material may cause fire.



"Xn" - Harmful  
S37/39: Wear suitable gloves and eye/face protection.

### 16. OTHER INFORMATION

**PREPARED BY:** Iris McCallister

**REVISION SUMMARY:** Revision #: 3 This MSDS replaces the September 04, 2007 MSDS. Any changes in information are as follows: In Section 1 MSDS Product Code MSDS Number

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The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

# SAFETY DATA SHEET



Date Issued: 12/15/2009  
MSDS No: 138-001.2  
Date-Revised: 12/15/2009  
Revision No: 3

## OT Chairside Bleaching Gel Activator White

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** OT Chairside Bleaching Gel Activator White

**PRODUCT DESCRIPTION:** Dental bleaching gel activator

**PRODUCT CODE:** XQ

**MANUFACTURER**

OraTech, LLC  
475 W 10200 S  
South Jordan, UT 84095

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300  
**(INTERNATIONAL) :**+1(703) 527 - 3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Potassium Hydroxide	01310-58-3	215-181-3	C; R35	12.4

( Full text of R-Phrases can be found under heading 16 )

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"C" - Corrosive

R35: Causes severe burns.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Viscous substance

**IMMEDIATE CONCERNS:** Corrosive. Will cause eye burns and permanent tissue damage.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes severe eye burns.

**SKIN:** Corrosive, causes skin burning.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Move to fresh air, if inhaled.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INGESTION:** Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained

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Date Issued: 12/15/2009  
 MSDS No: 138-001.2  
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 Revision No: 3

## OT Chairside Bleaching Gel Activator White

breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Water spray, fog, or mist, foam, dry chemical, carbon dioxide.

**COMMENTS:** Do not use strong water jet for extinguishing - may cause spattering of burning material.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

**LARGE SPILL:** Collect in tightly closed containers.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow to enter sewers or drains that may lead to waterways.

**SPECIAL PROTECTIVE EQUIPMENT:** S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Room Temperature

**STORAGE TEMPERATURE:** 15°C Minimum to 25°C Maximum

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** S51: Use only in well-ventilated areas.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Odorless or no characteristic odor

**COLOR:** Whitish

**PHYSICAL STATE COMMENTS:** Soluble in water

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heat, moisture, incompatibles.

**INCOMPATIBLE MATERIALS:** Acids, flammable liquids, organic halogen compounds, trichloroethylene, nitromethane, aluminum tin, zinc.

### 11. TOXICOLOGICAL INFORMATION

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Date Issued: 12/15/2009  
 MSDS No: 138-001.2  
 Date-Revised: 12/15/2009  
 Revision No: 3

## OT Chairside Bleaching Gel Activator White

### ACUTE

ORAL LD<sub>50</sub>: 173 mg/kg (rat)

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Readily biodegradable.

**DISTRIBUTION:** Does not bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**HAZARD CLASS:** 8

**PACKING GROUP:** II

#### AIR (ICAO/IATA)

**UN/NA NUMBER:** 1814

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** II

#### VESSEL (IMO/IMDG)

**UN/NA NUMBER:** 1814

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** II

**LIMITED QUANTITY:** 1 kg

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"C" - Corrosive  
 R35: Causes severe burns.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R35: Causes severe burns.

**PREPARED BY:** Susan Scott

**REVISION SUMMARY:** Revision #: 3. This MSDS replaces the December 15, 2009 MSDS.

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**Date Issued: 12/15/2009**  
**MSDS No: 138-001.2**  
**Date-Revised: 12/15/2009**  
**Revision No: 3**

## **OT Chairside Bleaching Gel Activator White**

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# SAFETY DATA SHEET



Date Issued: 12/15/2009  
 MSDS No: 299-001.1  
 Date-Revised: 01/05/2010  
 Revision No: 1

## OT Desensitizing gel 0.25% SF, 3% PN

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** OT Desensitizing gel 0.25% SF, 3% PN

**PRODUCT DESCRIPTION:** Sustained release potassium nitrate gel with fluoride

**PRODUCT CODE:** uv

**MANUFACTURER**

OraTech, LLC  
 475 W 10200 S  
 South Jordan, UT 84095

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300  
**(INTERNATIONAL) :**+1(703) 527 - 3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Sodium Fluoride	007681-49-4	231-667-8	T, Xi; R25; R32; R36/38	0.25
Potassium Nitrate	007757-79-1	231-818-8	Xi; R36/37/38	3

( Full text of R-Phrases can be found under heading 16 )

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"T" - Toxic  
 R22: Harmful if swallowed.  
 "Xi" - Irritant

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Gel

**POTENTIAL HEALTH EFFECTS**

**EYES:** Mildly irritating to the eyes.

**SKIN:** May cause skin irritation.

**INGESTION:** Substance may be harmful if swallowed.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained

# SAFETY DATA SHEET



Date Issued: 12/15/2009  
MSDS No: 299-001.1  
Date-Revised: 01/05/2010  
Revision No: 1

## OT Desensitizing gel 0.25% SF, 3% PN

breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Water spray, fog, or mist, foam, dry chemical, carbon dioxide.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up with cloth, soap, and water.

**LARGE SPILL:** Collect in tightly closed containers.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow to enter sewers or drains that may lead to waterways.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Room Temperature

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Odorless or no characteristic odor

**COLOR:** Colorless

**pH:** ~ 6.5

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable when stored and handled under recommended conditions.

**POLYMERIZATION:** NA = Not Applicable

**CONDITIONS TO AVOID:** Avoid strong bases, Metals. Excess heat, exposure to moist air or water.

**INCOMPATIBLE MATERIALS:** Strong caustics, most metals.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Severe eye irritation

**SKIN EFFECTS:** Prolonged skin contact may cause skin irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not defined

**ECOTOXICOLOGICAL INFORMATION:** Not yet Determined

# SAFETY DATA SHEET



Date Issued: 12/15/2009  
MSDS No: 299-001.1  
Date-Revised: 01/05/2010  
Revision No: 1

## OT Desensitizing gel 0.25% SF, 3% PN

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**LABEL:** Not classified

#### AIR (ICAO/IATA)

**LABEL:** Not classified

#### VESSEL (IMO/IMDG)

**LABEL:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"T" - Toxic  
R22: Harmful if swallowed.



"Xi" - Irritant  
R36/37/38: Irritating to eyes, respiratory system and skin.

### 16. OTHER INFORMATION

#### RELEVANT R-PHRASES:

R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Susan Scott

**REVISION SUMMARY:** Revision #: 1. This MSDS replaces the December 16, 2009 MSDS.

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